

ACC NR: AP7000419

-42.2C. Throughout the observation periods only six such cases were observed; the remaining cases were marked by the presence of a retardation layer.

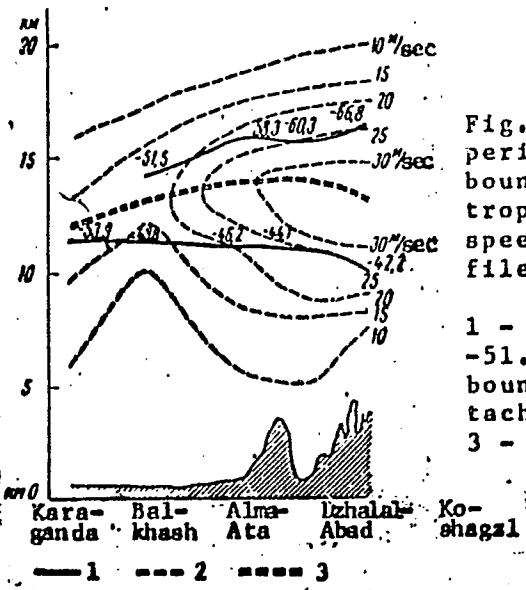


Fig. 1. August 1958, 3-hr period. Mean height of lower boundary of polar and tropical tropopauses and mean wind speed in the tropopauses (profile 75° E. Long.)

1 - Lower boundary of tropopause;
 -51.5°C - temperature at lower boundary of tropopause; 2 - iso-tachs defining jet stream zone;
 3 - jet stream axis.

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The tropical tropopause underwent similar processes. As it moved toward the north, the height of its lower boundary gradually became lower, and the temperature rose. Between Koshagyl and Balkhash--a distance of about 1000 km--the lower boundary dropped from 16.4 to 14.2 km, and the temperature rose from -66.8 to -51.5°C, or about 7 deg/km for tropopauses. The drop in the height of the tropical tropopause, however, was much more rapid than was that of the polar tropopause.

An "upper troposphere" and a "lower stratosphere" along the Koshagyl--Karaganda section in the jet-stream zone must be referred to the appropriate tropopause. If the upper troposphere is related to the tropical tropopause, in areas where both tropopauses are observed simultaneously, the lower stratosphere must be related to the polar tropopause. The author concludes that jet streams are like channels which determine the relationship between the troposphere and the lower stratosphere.

In the free atmosphere, the distribution of horizontal temperature gradients was complicated (see Table 3). In the troposphere and polar tropopause, the gradient was from south to north, and the isoline of zero gradients rose smoothly from a height of 12.8 km over Koshagyl to 15 km over Karaganda. North of Karaganda, it rose steeply and, at a height of 20.5 km, trended toward the south (see Fig. 2). These isolines were shaped like a parabola, with the vertex toward the north, and defined the boundary between the middle- and tropical-latitude air.

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Table 3. Mean values of vertical ($1.0^{\circ}/100 \text{ m}$) and horizontal ($1.0^{\circ}/500 \text{ km}$) temperature gradients in the free atmosphere at standard levels along 75° E . long. (August 1958, 3-hr observation period)

H, m	Karaganda		Balkhash		Alma-Ata		Dzhalal-Abad		Koshagyl	
	Vert.	Horiz.	Vert.	Horiz.	Vert.	Horiz.	Vert.	Horiz.	Vert.	Horiz.
Earth										
0.5			-0.25		-2.0		-0.75			
1.0		-4.5	-0.08	-1.0			0.10			
1.5	0.56	-4.5	0.52	-2.0	0.34	-4.0	0.56			
2.0	0.61	-5.5	0.56	-1.5	0.60	-4.5	0.56			
3.0	0.62	-3.0	0.77	-3.5	0.63	-2.5	0.73			
4.0	0.55	-2.0	0.62	-2.5	0.56	-1.5	0.74	-4.0	-0.52	0.61
5.0	0.55	-2.0	0.56	-1.5	0.65	-0.5	0.70	-5.5	0.61	0.75
6.0	0.68	-3.0	0.62	-1.5	0.61	0.5	0.68	-4.5	0.67	
7.0	0.65	-3.0	0.64	-1.0	0.69	-0.5	0.63	-4.0	0.67	
8.0	0.74	-3.5	0.72	-1.0	0.71	-2.0	0.64	-4.5	0.61	
9.0	0.75	-4.0	0.69	-1.0	0.69	-2.0	0.69	-5.0	0.68	
10.0	0.76	-5.5	0.65	-1.0	0.67	-3.0	0.60	-8.5	0.45	
11.0	0.57	-6.5	0.53	-2.0	0.46	-3.5	0.43	-7.0	0.52	
12.0	0.15	-3.5	0.23	-1.5	0.19	-1.0	0.34	-3.5	0.57	
13.0	-0.66	-2.5	0.03	-0.5	0.28	-0.0	0.33	1.0	0.69	
14.0	-0.01	-1.5	0.06	1.5	0.23	4.0	0.46	2.5	0.66	
15.0	0.00	-0.5	0.08	4.0	0.29	5.0	0.34	6.0	0.47	
16.0	0.03	0.5	0.09	6.5	0.28	6.0	0.27	7.5	0.43	
17.0	0.03	0.5	0.03	7.0	0.07	6.0	0.14	9.0	0.22	
18.0	0.02	0.5	0.01	8.5	0.17	3.5	0.03	9.0	0.04	
19.0	0.03	1.0	0.04	6.0	-0.17	6.0	-0.07	7.5	-0.17	
20.0	0.04	1.5	-0.01	6.5	0.00	-	-	-	-0.34	
21.0	0.01	-0.5	-0.03	6.0	-0.04	-	-	-	-	
22.0	0.00	-0.5	-0.01	4.0	-0.21	-	-	-	-	
23.0	-0.01	-0.5	-0.01	3.5	-0.04	-	-	-	-	
24.0	-0.03	-	-	-	-0.02	-	-	-	-	
25.0	0.00	-	-	-	-0.18	-	-	-	-	

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masses occupying the space of the troposphere and the lower stratosphere. These air masses were located one above the other, the upper (tropical) air mass resembling a thick wedge inserted into the lower mass. Each air mass had its own thermal characteristics and tropopause. This was also confirmed by changes in the isentropic surfaces in the free atmosphere. In the troposphere the slope was toward the south. Between the lower boundaries of the polar and tropical tropopauses, the section crossed a "reversion" level above which the isentropic surfaces sloped northward. The tropopauses were located one above the other and, over large areas (of the order of 700—1000 km), overlapped one another (see Fig. 3).

The lower air mass occupied all of the troposphere and, north of Balkhash, penetrated the lower stratosphere; above the polar tropopause it formed an almost isothermal layer 10—11-km thick. The lapse rate varied from +0.09 to -0.06°C/100 m in this layer, called the "isosphere" by Uranov in 1963, and the layer above its upper boundary, where the lapse rate increased noticeably, he called the "isopause."

The upper air mass, wedging in from the south, was located in the lower stratosphere and penetrates downward into the upper troposphere in the form of a layer 2—4-km below the tropical tropopause in the jet-stream zone. The parabolic configuration of the isotherms, like the zero-

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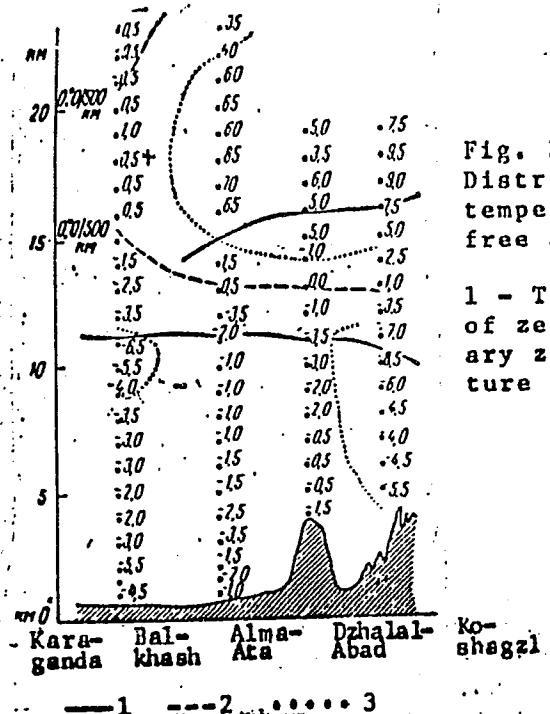


Fig. 2. August 1958, 0300 hr.
Distribution of horizontal
temperature gradients in the
free atmosphere (deg/500 km)

1 - Tropopauses; 2 - isolines
of zero gradients; 3 - bound-
ary zone with sharp tempera-
ture contrast.

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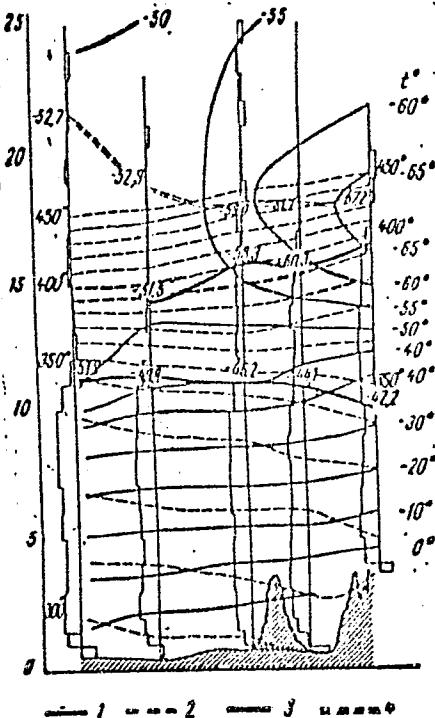


Fig. 3. Vertical profile along
 75° E. Long. through Karaganda,
 Balkhash, Alma-Ata, Dzhalal-
 Abad, and Koshagyl (August 1958,
 0300 hr)

1 - Isotherms; 2 - isentropic surfaces; 3 - lower boundary of tropopause; 4 - surface of minimum temperature.

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gradient isolines, showed that this air mass had a low-temperature cell on the southern limit of the sector, both over the eastern Pamirs and even farther south beyond the edge of the sector.

The inhomogeneity of stratospheric air was confirmed by the large contrasts in temperatures between Balkhash and Alma-Ata, which at a height of 18 km amounted to 8.5 deg/500 km, and between Balkhash and Karaganda did not exceed 1.0 deg/500 km. In the southern half of the region in the stratosphere, there was a cold air mass and in the northern portion, a warm air mass. In the same region in the troposphere, there was a warm air mass in the southern portion and a cold mass in the northern sector. Charts of the mean absolute topography of the 300, 200, and 100-mb surfaces for August 1958 clearly showed that each of these stratospheric surfaces corresponded to a specific baric state. There was a deep depression north of the jet-stream axis, and a deep area of high pressure south of it. These baric formations were separated by jet-stream zones in both the stratosphere and the upper troposphere. The data showed that the slope angle of the lower boundary of the polar tropopause between Koshagyl and Balkhash was less than half a degree.

Profiles obtained from averaged data for the period July--September in 1957 and 1958 gave a similar picture of the structure of the upper troposphere and lower stratosphere over the eastern Pamirs. On these

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Table 4. Lower boundary of the polar tropopause and the temperatures in them over Karaganda, Balkhash, Alma-Ata, Dzhalal-Abad, and Koshagyl stations (late August and early September 1958, 3-hr observation period)

Date	Karaganda		Balkhash		Alma-Ata		Dzhalal-Abad		Koshagyl	
	H.	r	H.	r	H.	r	H.	r	H.	r
21-VIII	11,0	-52,6	12,0	-51,9	11,6	-49,0	10,0	-38,0	8,0	-27,3
22	11,4	-53,2	10,0	-42,8	10,2	-42,0	9,7	-35,1	7,0	-15,6
23	12,3	-58,3	11,4	-50,2	9,8	-40,5	9,5	-32,3	8,0	-21,6
24	12,0	-55,1	12,0	-51,8	11,9	-55,5	11,0	-45,7	9,3	-35,5
25	11,1	-56,2	12,2	-51,6	10,6	-46,7	10,9	-48,7	10,0	-39,2
26	10,2	-49,8	12,1	-48,3	11,2	-47,8	11,0	-45,6	8,8	-32,5
27	10,5	-51,7	11,8	-51,2	10,5	-45,7	11,3	-59,1	15,0	-42,0
28	11,2	-51,6	10,5	-50,4	10,8	-53,6	11,0	-47,6	9,8	-42,5
29	10,3	-55,3	11,7	-54,2	11,0	-52,8	11,0	-50,7	10,0	-40,4
30	10,8	-56,8	13,3	-51,7	10,4	-52,9	11,4	-47,5	9,9	-40,0
31	12,1	-58,2	11,6	-52,8	12,2	-52,9	11,0	-52,9	9,9	-41,0
1-IX	11,4	-52,6	10,9	-47,6	11,3	-48,6	11,0	-40,8	9,0	-31,1
2	11,6	-57,2	10,2	-44,7	10,1	-39,8	8,6	-31,9	9,0	-26,3
3	12,6	-57,6	11,6	-47,3	12,8	-46,7	8,6	-24,2	6,1	-12,0
4	12,7	-54,0	12,1	-51,6	11,0	-40,7	10,1	-31,1	Undefined	Undefined
5	12,0	-52,3	11,8	-48,2	9,5	-35,6	Undefined	Undefined	Undefined	Undefined
6	10,1	-48,8	10,2	-41,4	9,8	-31,0	Undefined	Undefined	Undefined	Undefined
7	10,7	-53,9	10,1	-42,0	10,4	-39,5	Undefined	Undefined	Undefined	Undefined
8	10,5	-45,7	11,1	-46,2	10,1	-40,8	Undefined	Undefined	Undefined	Undefined
9	9,8	-45,1	9,3	-42,6	10,7	-41,9	Undefined	Undefined	Undefined	Undefined
10	10,7	-55,9	11,3	-51,1	10,4	-46,6	10,0	-39,5	8,6	-29,4
11	11,3	-60,2	11,1	-54,0	10,6	-45,6	8,7	-35,0	0,4	-29,2
12	11,6	-56,0	11,9	-54,4	11,4	-47,7	9,8	-37,1	7,3	-21,7
13	11,4	-57,2	12,1	-55,3	10,8	-49,2	11,2	-43,6	9,4	-34,3
14	11,7	-68,8	12,0	-50,0	11,0	-48,8	11,0	-41,6	0,7	-34,9

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Table 5. Lower boundary of tropical tropopause and temperatures in them at Karaganda, Balkhash, Alma-Ata, Dzhalal-Abad, and Koshagyl stations (late August and early September 1958, 3-hr observation period)

Date	Karaganda		Balkhash		Alma-Ata		Dzhalal-Abad		Koshagyl	
	H.**	C	H.**	C	H.**	C	H.**	C	H.**	C
21-VIII	Tropical tropo-pause not observed during period of observation	No data	15.9	-54.6	16.0	-59.0	15.6	-72.7		
22		Undefined	16.3	-62.2	15.9	-62.2	17.0	-70.3		
23		Undefined	16.1	-59.0	17.1	-61.6	18.0	-69.0		
24		Undefined	15.8	-57.3	16.8	-61.4	15.9	-66.5*		
25		Undefined	14.6	-61.1	15.1	-61.1	16.0	-61.5		
26		Undefined	16.4	-60.0	16.0	-60.0	16.0	-64.1		
27		No data	15.6	-55.5	15.4	-54.4	15.0	-75.3		
28		Undefined	17.0	-54.7	17.8	-51.6	17.0	-62.9**		
29		Undefined	14.7	-58.1	15.0	-61.9				
30		Undefined	13.2	-54.7	16.0	-71.2				
31		Undefined	16.4	-60.2	15.2	-65.3				
1-IX		Undefined	17.5	-66.7	16.1	-65.4				
2		17.2-57.7*	17.0	-59.0	17.5	-66.7	16.6	-72.4**		
3		17.4-58.1	17.1	-61.6	15.6	-62.6	17.7	-74.6		
4		14.0-51.9	16.1	-59.9	17.2	-68.4	17.7	-72.6		
5		16.0-58.2	16.4	-67.0*	18.0	-71.6	15.8	-76.9**		
6		14.0-52.1	16.7	-60.9	17.9	-66.4	17.1	-74.6**		
7		16.9	16.7	-59.1	16.6	-68.1	17.0	-70.4		
8		15.3-53.6	14.5	-61.6	15.0	-61.8	16.8	-71.7		
9		Undefined	15.0	-57.3	15.5	-65.1	16.1	-68.6		
10		16.0	16.0	-58.4*	16.6	-60.7*	15.5	-65.3		
11		15.0	15.0	-52.1	15.0	-59.2	15.0	-68.9		
12		16.7	16.7	-50.6	16.0	-60.5	17.6	-71.5		
13		16.0	16.0	Undefined	16.6	-64.0	16.8	-68.9		
14		17.0	17.0	-57.6	16.2	-64.7	17.7	-70.4		

* Data for 15 hr

** Data for 9 hr

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profiles, however, the jet-stream axis had shifted horizontally, its position probably being determined by the intensity and combinations of atmospheric processes active not only over southern Central Asia and the eastern Pamirs but also over northern India. For instance, in September 1957 the jet-stream axis was above Koshagyl, but in September 1959, it was over Balkhash -- a displacement of at least 1000 km (see Tables 4 and 5).

Averaged characteristics of the meteorological elements gave a general idea of the state of the tropopauses but did not indicate that the tropopause evolution processes had any specific causes. The changes originating in the polar tropopause as it advanced into the subtropical latitudes, and in the tropical tropopause as it advanced into the middle latitudes, were studied from a continuous series of aerological observations. For example, a series of observations made in the period 21 August—14 September 1958, had the following 3 natural synoptic periods: 1--until 25 August (prior to the intrusion of cold Arctic air), the polar tropopause occurred as a retardation layer, and the tropical tropopause was located between Alma-Ata and Balkhash; 2--from 25—31 August, cold Arctic air was over Central Asia and the eastern Pamirs, the polar tropopause was clearly defined over Koshagyl, and the tropical tropopause was displaced southward until on 27—28 August, it was over Koshagyl; 3--after 31 August (after the intrusion of cold Arctic air),

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the cold air mass became transformed, and the polar tropopause was converted into a retardation layer located over Alma-Ata, with the tropical tropopause occurring over Balkhash.

Analyses permitted the following conclusions:

- 1) The retardation layer, observed in the troposphere not only over the Pamirs but over the Pamir foothills as well, possesses rather stable characteristics and is the extension of the polar tropopause, i.e., its southern boundary;
- 2) The polar tropopause, being a part of the Arctic and polar air masses which has not moved out, may penetrate the southern (subtropical) latitudes during cold-air invasions. The depth of the intruding cold-air mass determines how far south the polar tropopause penetrated. Conversely, the presence of the polar tropopause over the eastern Pamirs will be confirmation of the presence of a cold intrusion.

[W.A. 50]

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Card 16/16

BULAVIN, Ivan Anisimovich; SILENOK, Sergey Georgiyevich; TRET'YAKOV,
I.M., inzh., retsenzent; KRIMERMAN, M.N., inzh., red.;
DANILOV, L.N., red.izd-va; SOKOLOVA, T.P., tekhn.red.

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s. 248-56

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Endless screw vacuum presses and vacuum apparatus Moskva, Gos. izd-vo lit-ry po
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CIA-RDP86-00513R001756530008-6"

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[Endless-screw vacuum presses and vacuum apparatus] Shnekovye
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(Vacuum apparatus)

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Ap '58.

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Using the E-153 excavator in the construction of complex signals.
Geod.i kart. no.1:31-32 Ja '60. (MIRA 13:6)
(Kazakhstan--Triangulation signal towers)
(Excavating machinery)

SOV-127-58 3 9/24

AUTHORS:

Tret'yakov, I.N., Mining Engineer, Zaglykov, N.Kh and Lebedev,
nov, D.P., Candidates of Technical Sciences

TITLE:

Arch-Shaped Concrete-Block Supports for Preparing Mines for
Operation (Arochnaya betonitovaya krep' v podgotovitel'nykh
vyrabotkakh)

PERIODICAL:

Gornyy zhurnal, 1958, Nr 3, pp 41-45 (USSR)

ABSTRACT:

The authors advise the use of concrete blocks for the construction of supports in mining galleries. Such supports are much stronger and reliable than wooden supports. The concrete blocks are simple to prepare, easy to transport and, by their geometrical form, can be used in horizontal as well as vertical shafts. Depending on mining and technical conditions one of three varieties of arched supports is used: 1) For the supporting of main and preparatory galleries with an established pressure in rocks inclined to a partial scaling, a belt of alternately disposed arched supports with the tightening of intervals with concrete plates is used. The T-form blocks with ground plates and tie-plates are used for this purpose. 2) Continuous arched supports without ground-plates are used in preparatory galleries in the zones of stoping with unstable rocks in places where ground bearing does not occur; 3) The same supports as in point 2, but on

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SOV-127-58-3-2/24

Arch-Shaped Concrete-Block Supports for Preparing Mines for Operation

reinforced concrete ground-plates, are used in the galleries with unstable side rocks and heaving ground. All these concrete blocks are prepared by the mine. A detailed description of their preparation is given. The cost of preparation of 1 cu m of such blocks represents only 47.6% of cost of 1 cu m of reinforced concrete frames. On table 3 the authors compare the cost of supports installed by different methods. There are 3 photos, 2 figures and 3 tables.

1. Mining engineering
2. Structures—Materials
3. Concrete—Performance

Card 2/2

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756530008-6

ZAGIROV, N.Kh.; LOBANOV, D.P.; TRET'YAKOV, I.N.

A version of descending horizontal slicing system in mining.
Biul.TSIIIN tsvet.met. no.10:6-8 '58. (MIREA 11:9)
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APPROVED FOR RELEASE: 03/20/2001

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Lining development mine arches with use of concrete blocks.
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MOLOTOK, A.V.; DMITRIYEV, A.I.; GORBATENKO, A.I.; SHAROVAN-SARINGULYAN, G.P.; MALAKHOV, P.Ye.; KRIVOUKHOV, V.A., doktor tekhn.nauk; red.; GRANOVSKIY, G.I., prof., doktor tekhn.nauk, red.; TRET'YAKOV, I.P., prof., doktor tekhn.nauk, red.; ALEXSEYEV, S.A., dotsent, M.M., dotsent, red.; VOL'SKIY, V.S., red.; GAL'TSOV, A.D., red.; KABANOV, N.Ya., red.; TOLCHENOV, T.V., red.; KHARITONOV, A.B., red.; KHISIN, R.I., red.; SHOR, M.I., red.; SEMENOVA, M.M., red. izd-va; EL'KIND, V.D., tekhn.red.

[Time norms in general machinery manufacturing for applying coats of lacquer; large, medium, and small scale production]
Obshcheshinostroitel'nye normativy vremeni na lakokrasochnye pokrytiia; krupnoseriinoe, seriinoe i malkoseriinoe proizvodstvo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. (MIRA 12:6) lit-ry, 1959. 83 p.

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(Painting, Industrial) (Machinery industry)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756530008-6

TRETYAKOV, K.

Tankers of project 366 should be modernized. Descr. Grade: A
no.10; 2 - 6 '64. (MM 17:12)

1. Kapitan ta kera "NT-69".

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756530008-6"

KUZNETSOV, K.K., prof.; YASTREBOV, A.I., inzh.; PODERNI, Yu.S., inzh.; KLEPIKOV, L.N., red.; TRET'YAKOV, K.M., inzh.; MKRTYCHIAN, A.A., inzh.; SALIKOV, I.A., inzh.; FISH, Ye.A., inzh.; MASTEROV, A.K., inzh.; MEL'NIKOV, N.V., akademik, red.; BYKHOVSKAYA, S.N., red. izd-va; OVSEYENKO, V.G., tekhn. red.; SABITOV, A., tekhn. red.

[Standard plans for mine development and transportation systems]
Tipovye proekty sistem razrabotki i transporta na kar'eras. Pod obshchey red. N.V. Mel'nikova. Moskva, Gosgortekhizdat, Vol.2.[The transportation system in mine; the justification and calculation of standard layouts, elements, and technical and economic indices] Transportnaia sistema razrabotki; obosnovaniia i raschety tipovyh skhem, elementov i tekhniko-ekonomicheskikh pokazatelei.
(MIRA 16:2)
1962. 462 p.

1. Moscow. Vsesoyuznyy tsentral'nyy proyektornyy institut po proyektirovaniyu shakhtnogo stroitel'stva kamennougol'noy promyshlennosti.

(Mine haulage) (Strip mining)

KHOKHRYAKOV, Vladimir Stepanovich, dots., kand. tekhn. nauk;
SHILIN, A.N., kand. tekhn. nauk, retsenzent; TRET'YAKOV,
K.M., inzh., retsenzent; BYKHOVSKAYA, S.N., red.izd-va;
LOMILINA, L.N., tekhn. red.

[Planning and organizing truck transportation in open-pit
mines] Proektirovaniye i organizatsiya raboty kar'ernogo av-
totransporta. Moskva, Gosgortekhizdat, 1963. 165 p.
(MIRA 16:4)

(Mine haulage)

GORYAYEV, M.I.; PUGACHEV, M.G.; TRET'YAKOV, I.I.; POPOV, A.P.; KORNILOVA,
G.P.; IBRAEV, G.Zh.; TUREBEKOV, Sh.S.; SAKMAN, N.E.

Preparation of fodder yeasts from molasses waste of the Dzhambul
Alcohol and Vodka Combine. Izv. AN Kazakh. SSR.Ser.khim.nauk 15
no.2:77-82 Ap-Je '65.
(MIRA 18:9)

TRET'YAKOV, L.P.

Device for determining pulse factor distortions. Avtom.,
telem. i sviaz' 9 no.10:21-23 0 '65. (MIRA 18:11)

1. Starshiy inzh. Barabinskoy distantsii Zapadno-Sibirskej
dorogi.

BARANOV, V.M.; DONSKOY, S.A.; TORSILOV, Yu.V.; TRET'YAKOV, M.A.; UDOVENKO,
V.G.; FREYDENZON, Ye.Z.

Blowing of cast iron in high-capacity converters. Metallurg 10 no.9:
15-18 S '65. (MIRA 18:9)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

TRET'YAKOV, N.N., kand.sel'skokhozaystvennykh nauk; SAVCHENKO, S.M.

Preservation of shelled forage corn. Zhivotnovodstvo 23
no.8:52-53 Ag '61. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni
V.R.Vil'yamsa (for Tret'yakov). 2. Starshiy agronom Upravleniya
semenovodstva Ministerstva sel'skogo khozaystva SSSR (for
Savchenko). (Corn (Maize)) (Ensilage)

BYREYEV, P.A., prof.; VANSHAMOV, L.A., prof.; VOLYNSKIY, B.G., dotsent; GERASIMOV, N.V., dotsent; GUREVICH, L.I., dotsent; ZHELYABOVSKIY, G.M., prof.; KARTASHOV, P.P., prof.; KOCHETOV, K.P., dotsent; KHUGLOV, A.N., prof.; KUTANIN, M.P., prof.; LARINA, V.S., dotsent; LOBKOV, I.S., doktor [deceased]; LUKOVA, A.I., prof.; MAKHLIN, Ye.Yu., prof.; NAUMOV, A.I., kand.med.nauk; POPOV'YAN, I.M., prof.; SOLUN, N.S., kand.med.nauk; TARABUKHIN, M.M., dotsent; TRET'YAKOV, K.N., prof.; TRISHINA, A.A., kand.med.nauk; UL'YANOVA, A.V., dotsent; FAYN, A.E., kand.med.nauk; FAKTOROVICH, A.M., dotsent; FRANKFURT, A.I., prof.; FISHER, L.I., dotsent; CHASOVNIKOVA, Ye.P., kand.med. nauk; SHAMARIN, P.I., prof.; SHAPIRO, M.Ya., dotsent; SHVARTS, L.S., prof.; SHUSTERMANN, I.B., dotsent; FOY, A.M., prof.; FREYDMAN, S.L., kand.med.nauk; NIKITIN, B.A., dotsent, red.; AFANAS'YEV, I.A., red.; LUKASHEVICH, V., tekhn.red.

[Concise medical reference book] Kratkii terapevcheskii spravochnik. Izd.3., ispr. i dop. Saratov, Saratovskoe knizhnoe izd-vo, 1959. 919 p. (MIRA 13:7)

1. Chlen-korrespondent AMN SSSR (for Tret'yakov).
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

TRET'YAKOV, I. P.

"Investigation of the Strength of Constructional Elements of Metal-Cutting Tools."
Sub 26 Mar 51, Moscow Order of Labor Red Banner Higher Technical School Imeni Bauman.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 9 May 55.

TRET'YAKOV, I.P., doktor tekhnicheskikh nauk, laureat Stalinskoy premii.

[Some solutions to the problem of wear resistance of metal-cutting tools]
Problema prochnosti metallorezhushchego instrumenta i nekotorye puti ee
reshenija. Moskva, Znanie, 1953. 26 p.
(MLRA 6:7)
(Metal cutting)

K-4

USSR/Forestry - Forest Management.

Abs Jour : Ref Zhur - Biol., No 5, 1958, 20148

Author : Tret'yakov, I.V.

Inst :
Title : A Method of Investigating the Dynamics of Tree Stands of
a Given Forest Type (For Forest Typologists and Organi-
zers).

Orig Pub : Tr. Leningr. lesotekhn. akad., 1956, vyp. 73, 111-116.

Abstract : The essential feature of this method of investigating the
dynamics of tree stands of a specific type of forest lies
in its showing average values of valuation indices for
the tree stands in each age group, where the initial mate-
rial must be homogeneous. Each age group requires a mini-
mum amount of obligatory observations, made jointly with
forest organizers. The final working out of the data in
the "dynamics series" of the tree stands for each index

Card 1/2

USSR/Forestry - Forest Management.

K-4

Abs Jour : Ref Zhur - Biol., No 5, 1958, 20148

is made by using the analytical method of equation.
This method is also useful in the work of typologists and
forest organizers.

Card 2/2

- 44 -

TRET'YAKOV, K. (Yaroslavl').

Come back to see us often! Kryl.rod. 2 no.2:9 F '51.

(MLRA 10:2)

(Military education)

TRET'YAKOV, K.G.

Reaction of cotton plant to the action of polymer K-4 under the
conditions of hydroponics. Uzb. biol. zhur. 8 no.3:11-14 '64.
(MIRA 17:12)

1. Tashkentskiy sel'skokhozyaystvennyy institut.

YENILEYEV, Kh.Kh.; TRET'YAKOV, K.G.

Effect of the polymer K-4 on the chemical characteristics of
soils and plants. Pochvovedenie no.3:57-61 Mr '65.
(MIRA 18:6)

1. Tashkentskiy sel'skokhozyaystvennyy institut.

TRET'YAKOV, K.M.

ATAULIN, V.V.; VLASOVA, R.M.; DAVYDOVA, Ye.A.; DANILENKO, I.S.; DZIOV, V.A.; DUBROVIN, A.P.; YEFANOVA, L.V.; KARPENKO, L.V.; KLEPIKOV, L.N.; KOTRELEV, S.V.; LUK'YANOV, N.I.; MEL'NIKOV, N.V., prof., obshchiiy red.; MKRTYCHAN, A.A.; NEMTINOV, A.M.; POGOSYANTS, V.K.; SEMIZ, M.D.; SKOBLO, G.I.; SLOBODCHIKOV, P.I.; SMIRNOV, V.M.; SUSHCHENKO, A.A.; SOKOLOVSKIY, M.M.; TRET'YAKOV, K.M.; FISH, Ye.A.; TSOY, A.G.; TSYPKIN, V.S.; CHEKHOVSKOY, P.A.; CHIZHIKOV, V.I.; ZHUKOV, V.V., red.izd-va; KOROVENKOVA, Z.L., tekhn.red.; PROZOROVSKAYA, V.L., tekhn.red.

[Prospects for the open-pit mining of coal in the U.S.S.R.; studies and analysis of mining and geological conditions and technical and economic indices for open-pit mining of coal deposits] Perspektivy otkrytoi dobychi uglia v SSSR; issledovanie i analiz gornogeologicheskikh uslovii i tekhniko-ekonomicheskikh pokazatelei otkrytoi razrabotki ugol'nykh mestorozhdenii. Pod obshchei red. N.V. Mel'nikova. Moskva, Ugletekhnizdat, 1958. 553 p. (MIRA 11:12)

1. Vsesoyuznyy tsentral'nyy gosudarstvennyy proyektnyy institut "Tsentrogradproshakht." 2. Chlen-korrespondent AN SSSR (for Mel'nikov).

(Coal mines and mining)

SEVER'YANOV, N.N., kand. tekhn. nauk; red.; BERLIN, A.Ye.,
retsenzent; VOYTSEKHOVSKIY, G.A., retsenzent;
DAVYDOVA, Ye.A., retsenzent; ZIL'EERSHTEIN, Ya.Yu.,
retsenzent; KINICHINSKIY, N.R., retsenzent; KLEPIKOV,
L.N., retsenzent; KUBYNIN, A.Ye., retsenzent; LEBEDEV,
V.V., retsenzent; MOROZOV, V.P., retsenzent; MOSKVIN,
V.B., retsenzent; MUSARSKIY, I.S., retsenzent; PODERNI,
Yu.S., retsenzent; SALIKOV, I.A., retsenzent; SUSHCHENKO,
A.A., retsenzent; ~~IRET'YAKOV~~, K.M., retsenzent; UL'YANOV,
V.P., retsenzent; TSVIRKO, P.F., retsenzent; TSOY, A.G.,
retsenzent; CHEL'TSOV, M.I., retsenzent; SHISHCHITS, G.N.,
retsenzent; DIDKOVSKIY, D.Z., otv. red.

[Handbook on the prospecting, planning, and construction
of strip mines] Spravochnik po izyskaniiam, proektirovaniyu
i stroitel'stvu kar'erov. Moskva, Nedra, 1964. 2 v.
(MIRA 18:2)

TRET'YAKOV, L., inzh.

Heat treatment of reinforced concrete products in molds which
become heated. Bud. mat. i konstr. 4 no.2:22-23 Mr-Ap '62.
(MIRA 15:9)

(Precast concrete)

TRET'YAKOV, L., inzhener; ARENDAREV, S.

Equipment for the production of large panel partitions. Gor.i
sel'.stroi. no.7:13-14 Jl '57. (MLRA 10:10)
(Walls)

TRET'YAKOV, L.; VLASENKO, V.

Building a schoolhouse of large blocks. Stroitel' 2 no. 4-5:8-9 Ap-
My '56. (MLRA 10:1)
(Kharkov Province--Concrete blocks)
(Schoolhouses)

TRET'YAKOV, L., inzhener

Use of movable forms in erecting brick tower silos and water
towers. Sel'.stroi. 10 no.4:8-10 Ap 855. (MLRA 8:6)
(Silos) (Water towers)

THET'YAKOV, L.D., kand. tekhn. nauk

Using pigment pastes in pasting linoleum. Biul. stroi. tekhn. 12
no.6:11-12 Je '55. (MIRA 11:12)
(Linoleum) (Paste)

KALISHUK, Aleksandr Luk'yanovich, kand. tekhn. nauk, dots.;
TRET'YAKOV, Lev Dmitriyevich, kand. tekhn. nauk, dots.;
STEFANOV, Boris Vladimirovich, kand. tekhn. nauk, dots.;
NOVGORODSKIY, Mikhail Avramovich, st. prepod., kand.
tekhn. nauk; ANTONENKO, Grigoriy Yakoclevich, assistant;
RUSANOVA, Nina Georgiyevna, assistant; SIKORSKIY, Oleg
Nikolayevich, assistant; ALEKSANDROVSKIY, A.Ya., red.

[Manual on the manufacture of precast reinforced concrete]
Spravochnik po proizvodstvu sbornogo zhelezobetona. [By]
A.L.Kalishuk i dr. Kiev, Izd-vo Budivel'nyk, 1964. 345 p.
(MIRA 17:7)

1. Kafedra tekhnologii sbornogo zhelezobetona Kiievskogo
inzhenerno-stroitel'nogo instituta (for all except
Aleksandrovskiy). 2. Zaveduyushchiy kafedroy tekhnologii
sbornogo zhelezobetona Kiievskogo inzhenerno-stroitel'nogo
instituta (for Kalishuk).

1. TRET'YAKOV, L.D.

2. USSR (600)

4. Walls

7. Building slag block walls faced with brick or with sem-dry pressed ceramic tiles
under winter conditions. Stroi.prom. 30 no.10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

1. L. D. TRET'YAKOV
2. USSR (600)
4. Building
7. Construction of walls from shell rock with edgewise brick facing. Biul. stroi. tekhn. 9 no. 23. 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

BOGDANOVICH, Galina Nikolayevna, kand. tekhn. nauk; BULAKOVSKIY, Vadim Ivanovich, kand. tekhn. nauk; GOLOVCHENKO, Pavel Sergeyevich, kand. tekhn.nauk; DEKHTYAR, Etya Mikhaylovna, inzh.; KARNAUKHOV, Nikolay Petrovich, inzh.; KLIMANOVA, Yekaterina Antonovna, kand. tekhn. nauk; KRAVTSOV, Boris Konstantinovich, kand. tekhn. nauk; LIBERMAN, Al'fred Davidovich, kand. tekhn. nauk; LUKASHENKO, Ivan Andreyevich, kand.tekhn. nauk; POGREBNYAK, Zinaida Feofanovna, kand. tekhn. nauk; ROKHLIN, Il'ya Aleksandrovich, kand.tekhn.nauk; TRET'YAKOV, Lev Dmitriyevich, kand. tekhn. nauk; TSATSKINA, Frida Naumovna; REZNICHENKO, I.Ye., red.; LEUSHCHENKO, N.L., tekhn.red.

[Handbook for construction laboratories] Spravochnik dlja stroitel'-nykh laboratoriij. Pod red. B.K.Kravtsova. Kiev, Gosstroizdat, 1962. 821 p.
(MIRA 16:3)

1. Nauchnyye sotrudniki Akademii stroitel'stva i arkhitektury Ukr.SSR (for all except Reznichenko, Leushchenko).
(Building research--Handbooks, manuals, etc.)

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CIA-RDP86-00513R001756530008-6"

TRET'YAKOVA, L.I.

Changes in the warmth-protecting properties of wad-padded
interlinings. Leg.prom.17 no.9:18-21 S '57. (MIRA 10:12)
(Coates) (Insulation (Heat))

GORYAYEV, M.I.; TRET'YAKOV, L.I.; PUGACHEV, M.G.

Amino acid composition of fodder yeasts obtained by low frequency
vibration. Izv. AN Kazakh SSR, Ser. tekhnicheskikh nauk, no. 1, p. 27-31
'63. (MINA 17;3)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756530008-6

SHTYAKOV, L. I.
A. S. SHYAKOV, LAM/OKhN, Sept. Oct., 1950, p. 465-466

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CIA-RDP86-00513R001756530008-6"

GORIAYEV, M.I.; PUGACHEV, M.G.; TUREBFKOV, Sh.S.; TRET'YAKOV, L.I.;
TURSUMETOVA, F.U.

Effect of growth-promoting substances from petroleum on the
growth of fodder yeasts. Izv. AN Kazakh. SSR. Ser. khim. nauk
(MIRA 18:12)
15 no.1:89-93 Ja-Mr '65.

1. Submitted May 9, 1964.

TRET'YAKOV, L. K.

PA 243T21

USSR/Medicine - Dysentery

Nov-Dec 52

"Treatment of Dysentery and Toxic Dyspepsia in Children With Syntomycin," Cand Med Sci E. A. Majmark and Assistant I. K. Tret'yakov, Children's Clinic, Khabarovsk State Med Inst

"Voprosy Pediatrii Okhranы Materinstva i Detstva"
No 6, pp 18-20

Syntomycin produces satisfactory effect on the central nervous system and is very effective in the treatment of toxic dyspepsia and bacillary dysentery. This preparation rapidly alleviates toxicosis, stops vomiting, and improves the general physical condition and appetite. Syntomycin,

243T21

however, does not prevent complications, does not mitigate the course of the disease, and does not avert its repetition. Normal stool is observed within 2 weeks in children over one year of age; in infants and in chronic cases, the appearance of normal stool is delayed.

243T21

STRUTINSKIY, Aleksey Bonifat'yevich, inzh.; TRET'YAKOV, Lev Dmitriyevich,
kand.tekhn.nauk; TSEYTLIN, Aleksandr Aleksandrovich, kand.tekhn.
nauk; VOLYANSKIY, A., red.; KUL'CHITSKAYA, O., red.; IOAKIMIS, A.,
tekhn.red.; FISENKO, A., tekhn.red.

[Builder's handbook] Spravochnik mastera-stroitelia. Kiev, Gos.
izd-vo lit-ry po stroit. i arkhit., 1957. 340 p. (MIRA 11:3)
(Building)

TRET'YAKOV, L.P., starshiy inzh.

Reservation of selective communication equipment. Avtom.,
telem. i sviaz' 5 no.10:39-40 0 '61. (MIRA 14:9)

1. Barabinskaya distantsiya signalizatsii i svyazi Zapadno-Sib-
irskoy dorogi.
(Railroads—Communication systems)

TRET'YAKOV, L.P.

Conversion of dial plates. Avtom. telem, i sviaz' 8 no.9;
26-27 S '64. (MIRA 17:10)

1. Starshiy inzh. Barabinskoy distantsii Zapadno-Sibirskoy
dorogi.

TRET'YAKOV, L.P.

Changes in dispatcher control networks. Avtom., telem. i sviaz' 9
no. 4:35-37 Ap '65. (MIRA 18:5)

1. Starshiy inzh. Barabinskoy distantsii Zapadno-Sibirskey doregi.

TRET'YAKOV, L.P.

We are making improvements in the use of power supply equipment at
communication centers. Avtom., telem. i sviaz' 4 no.4:33-34 Ap
'60. (MIRA 13:6)

1. Inzhener lineyno-apparatnogo zala stantsii Barabinsk Omskoy
dorogi.
(Barabinsk--Railroads--Communication systems)

TRET'YAKOV, L.P.

Reservation of high-frequency channels in four-line communication lines. Avtom.telem.i sviaz' 3 no.10:28 0 '59.
(MIRA 13:2)

1. Inzhener lineyno-apparatnogo zala stantsii Barabinsk Omskoy
dorogi.
(Telephone lines)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756530008-6

TRUT'YAKOV, L.P.

Change in the networks of a VU-3-120/6P power supply unit. Arton.,
telem. i sviaz' 6 no.8:23-24 Ag '64. (CHPA 17:10)

1. Starshiy inzh. Barabinskoy distantsii Zapadno-Sibirskej dorogi.

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CIA-RDP86-00513R001756530008-6"

TRET'YAKOV, L.P.

Device for measuring the duration of line pulses and the control time of objects in BDK-TsNII-57 systems. Avtom., telem. i sviaz' 9 no.11:22-24 N '65.

(MIRA 18:12)

l. Starshiy inzh. Barabinskoy distantsii Zapadno-Sibirskej dorogi.

MINEVICH, A., kand. ekon. nauk; TRET'YAKOV, M., inzh.

Bases of high standards of production. Mast. ugl. 8 no.7:5
Jl '59. (MIRA 12:10)
(Coal mines and mining--Labor productivity)

TRET'YAKOV, M.

Automation and labor productivity. Sots.trud 4 no.1:102-108
Ja '59. (MIRA 12:2)

1. Direktor Moskovskogo zavoda ATE-2.
(Moscow--Automobiles--Ignition)
(Efficiency, Industrial)

ARNAUTOV, V.T.; BARANOV, V.M.; DONSKOY, S.A.; PASTUKHOV, A.I.; SMIRNOV, I.A.; TORSHILOV, Yu.V.; TRET'YAKOV, M.A.; UDOVENKO, V.G.; FREYDENZON, Ye.Z.; SHCHEKALEV, Yu.S.; Prinimali uchastiye: MAKAYEV, S.V.; KOMPANIETS, G.M.; NAGOVITSYN, D.F.; NOVOLODSKIY, P.I.; VARSHAVSKIY, V.L.; KOROGODSKIY, V.G.; KLIBANOV, Ye.L.: MEDVEDEVSKIKH, Yu.; TALANTSEVA, T.I.; DUBROV, N.F.; DZEMYAN, S.K.; TOPYCHKANOV, B.I.; CHARUSHNIKOV, O.A.; KHARITONOV, Yu.A.

Developing and mastering the technology of converting vanadium cast iron in oxygen-blown converters with a 100 ton (Mg) capacity.
(MIRA 18:6)
Stal' 25 no.6:504-508 Je '65.

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Makayev, Kompaniets, Nagovitsyn, Novolodskiy, Varshavskiy, Korogodskiy, Klitanov, Medvedevskikh, Talantseva). 2. Ural'skiy nauchno-issledovatel'skiy institut chenykh metallov (for Dubrov, Dzemyan, Topychkanov, Charushnikov, Kharitonov).

FREYDENZON, Ye.Z.; UDOLINOV, L.M.; TCHUMIKOV, Yu.V.; ROMANOVICH, I.M.;
TERT'YAKOV, M.A.; BARANOV, V.A.; MAGOVITSIN, I.P.; BULAVIN, S.A.;
PASTUKHOV, A.I.

Mastering the operation of the oxygen-blown converter plant
of the Nizhniy Tagil metallurgical combine. Stat' 25 no.1:
534-537 Je 165.

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat i Prakticheskiy
nauchno-issledovatel'skiy institut chernykh metallov.

GOLOV, G.V.; TRET'YAKOV, M.A.; TORSHILOV, Yu.V.; DONSKOY, S.A.

Conditions for the service of linings of oxygen-blown converters
with a capacity of 100-130 tons (Mg) during the conversion of
vanadium cast iron. Stal' 25 no.6: 537-538 Je '65.

(MIRA 18:6)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

THET'YAKOV, M.F.

LARIONOV, A.N.; BABIKOV, M.A.; VANEYEV, A.I.; ZHITKOV, A.A.; KOPYLOV, V.P.;
THET'YAKOV, M.F.; GAIYEYEV, F.F.

V.N. Akimov, Elektrichestvo no.10:86 0'55. (MLRA 8:12)
(Akimov, Valentin Nikolaevich, 1903-1955)

TRET'YAKOVA, M.I.

VOYKOVSKIY, B.A.; GALAKTIONOV, A.I.; TRET'YAKOVA, M.I.

Instrument for measuring lengths and number of gaps in charged
particle tracks in nuclear emulsions. Prib.i tekhn.eksp. no.6:
(MIRA 10:12)
42-45 N-D '57.

1.Fizicheskiy institut im. P.N. Lebedeva AN SSSR.
(Photography, Particle track)
(Electronic instruments)

TRET'YAKOV, Mikhail Nikolayevich; RAYSKIN, I.G., red.; ZHITNIKOVA,
O.S., tekhn. red.

[Electronic relays and their applications] Elektronnye rele
i ikh primenenie. Moskva, Gosenergoizdat, 1963. 173 p.
(Biblioteka po avtomatike, no.87) (MIRA 17:4)

TRET'YAKOV, M. N.

Elektrosvigateli dlia telegrafnykh apparatov. Current supply motors for telegraph apparatus. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1949. 59 p.
(49-54264)

TK5371.T7

1. Telegraph - Current supply.

71157

TRET'YAKOV, Mikhail Nikolayevich; DERO, A.R., red.; SOBOLEVA, Ye.M..
tekhn.red.

[Testing low-powered electric motors] Ispytanie elektrodvigatelei
maloi moshchnosti. Moskva, Gos.energ.izd-vo, 1960. 173 p.
(MIRA 13:11)

(Electric motors--Testing)

AUTHOR: Tretyakov, M.V. (Novosibirsk) 40-22-2-9/21
TITLE: On the Flow Around Permeable Contours (Ob obtekaniii proni-
tsayemykh kontuzov)
PERIODICAL: Prikladnaya matematika i mekhanika, 1958, Vol 22, Nr 2,
pp 220-225 (USSR)

ABSTRACT: The author investigates the flow around an arbitrary, closed and uniformly permeable contour, where the flow is carried out, by an ideal liquid. It is assumed that during the passage through the contour the normal components of the velocity pass over continuously, while the tangential components suffer a jump. The flow itself is considered to be stationary and irrotational. Between the decrease of pressure and the velocity component of the stream of liquid going through the contour there is assumed a relation of the form

$$\Delta p = av_1^0 ,$$

where a is the parameter of permeability of the material. It has to be determined experimentally.
The boundary conditions are formulated according to the given assumptions. For the solution of the problem the permeable

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On the Flow Around Permeable Contours

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contour is replaced by a vortex layer, the density of which is chosen so that the boundary conditions are satisfied. The velocity field of the flow then can be represented in well-known manner by a complex integral, for the solution of it the author applies complex-analytic means.

The method of the author can be also applied for the investigation of flows free of circulation around uniformly permeable contours.

As an example the author considers the flow around a uniformly permeable circle of radius r by a potential flow. There are 1 figure, and 3 Soviet references.

SUBMITTED: November 25, 1957

1. Fluid flow--Mathematical analysis

Card 2/2

SOV/124-58-2-1833

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 2, p 47 (USSR)

AUTHOR: Tret'yakov, M. V.

TITLE: The Flow About a Permeable Plate of a Plane-parallel Potential
Stationary Ideal-liquid Flow at Finite Angles of Attack (Obtekaniye
pronitsayemoy plastinki ploskoparallelnym potentsialnym
statsionarnym potokom ideal'noy zhidkosti pri konechnykh uglakh ataki)

PERIODICAL: Uch. zap. Udmurtsk. gos. ped. in-t, 1956, Nr 8, pp 63-75

ABSTRACT: The author of this paper solves the problem under the premise that
at each point of the plate there exists a linear relationship between the
pressure drop and the seepage velocity V_i , namely,

$$\Delta p = a V_i \quad (1.1)$$

which he calls the seepage law. The author uses the Bernoulli-
Euler integral and transforms thereby (1.1) to the form

$$\frac{\rho}{2} (V_T^+ - V_T^-)(V_T^+ + V_T^-) = a V_i \quad (1.4)$$

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The Flow About a Permeable Plate of a Plane-parallel (cont.)

where V_T^+ , V_T^- are the tangential speeds. Considering the plate as a surface generated by continuously distributed vortices, the author obtains from (1.4) a singular integral equation with a Cauchy-type kernel for the determination of the vortex intensity γ . The solution of the latter is found by a method indicated by Mikhlin [Mikhlin, S.G. Integral'nyye uravneniya (Integral Equations). Gostekhizdat, 1947]. A formula is derived for the seepage velocity V_i , and the shape of the streamlines is determined by means of a numerical method. Bibliography: 4 references.

G. G. Tumashev

Card 2/2

TRET'YAKOV, M. V.

6271. Tret'yakov, M. V. K teorii obtekaniya pronitsayemykh poverkhnostey.
M., 1954. obl. 3s. 22sm. (M-vo vyssh. obrazovaniya SSSR. Mosk. ordena
lenina gos. un-t im. M. V. Lomonosova,) 100ekz. B. Ts. [54-58239]

SO: Knizhamya Letopis' 1, 1955

TRET'YAKOV, M.V.

Flow around a permeable plate by a plane-parallel potential stationary flow of an ideal liquid at terminal angles of attack. Uch. zap.
Udm. gos. ped. inst. no.8:63-75 '56. (MLRA 10:6)
(Fluid dynamics)

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CIA-RDP86-00513R001756530008-6

TRET'YAKOV, M.V.

Flow around a permeable semicircle. Uch. zap. Udm. gos. ped. inst.
no.8:119-146 '56. (MLRA 10:6)
(Fluid dynamics)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756530008-6"

TRET'YAKOV, M.V. (Novosibirsk)

Flow around permeable contours. Prikl. mat. i mekh. 22 no.2:220-225
Mr-Ap '58. (MIRA 11:7)
(Fluid dynamics)

TRET'YAKOV, M. V.

"Theory of Circulation Around Permeable Surfaces." Cand Phys-Math Sci,
Moscow Order of Lenin State U imeni M. V. Lomonosov, Min Higher Education USSR,
Moscow, 1954. (XL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educat-
ional Institutions (12)
SO: Sum. No. 556, 24 Jun 55

AID Nr. 982-4 4 June

MIXED FLOW OF PERFECT FLUIDS OF DIFFERENT DENSITIES OVER POROUS SURFACES (USSR)

Tret'yakov, M. V. Zhurnal prikladnoy mekhaniki i teoreticheskoy fiziki, no. 2,
Mar-Apr 1963, 86-92, S/207/63/000/002/009/025

The statement of a certain boundary value problem of a three-dimensional flow over a uniformly permeable fluid layer spread over an open surface is outlined, and a solution of the problem is presented. A similar problem, i. e., that of a flow of an ideal fluid of a given density over a uniformly permeable surface of revolution emitting an ideal fluid of a different density, is solved on the basis of the solution of the first one. The procedure can be applied to problems of the uniform saturation of a fluid flow by a fluid of a different density, and also to problems of the filtration of mixtures of gases and liquids.

[ANB]

Card 1/1

TRET'YAKOV, M.V. (Novosibirsk)

Joint flow of ideal liquids of different density in the theory of
flows around permeable surfaces. PMTF no.2:86-92 Mr-Ap '63.
(MIRA 16:6)

(Hydrodynamics)

PLAVIL'SHCHIKOV, N.; SHCHUKIN, S.; KORCHAGINA, V.; RODINA, V.; BATSYLEV,
Ye.; NEKRASOV, V.; TRET'YAKOV, N.; TAIROV, N.; LEL'KOV, P.
[deceased]; SUKHOVETKHOV, F.; KHOTILOVSKAYA, L., red.; VOLINTSEVA,
V., tekhn.red.

[Calendar for the young naturalist] Kalendar' iunogo naturalista.
Moskva, Izd-vo TsK VLKSM "Molodais gvardiia," 1960. 358 p.
(MIRA 13:7)

(Agriculture)

TRET'YAKOV, N., kand. tekhn. nauk

Some important features of the absorption refrigerating machine. Khol. tekhn. 36 no.2:33-39 Mr-Ap '59. (MIRA 12:8)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti.
(Refrigeration and refrigerating machinery)

TRET'YAKOV, N., prof.

Poultry raising in Czechoslovakia. Nauka i pered. op. v sel'khoz.
8 no. 6:78 Je '58. (MIRA 11:6)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta
ptitsevodstva. (Czechoslovakia—Poultry)

TRET'YAKOV, N.; MASLIYEV, I., nauchnyy sotrudnik

Poultry raising on virgin lands. Nauka i pered.op. v sel'khoz. 8
no.11:30-33 N '58. (MIRA 11:12)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta ptitsen-
vodstva Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. Lenina
(for Tret'yakov).

(Kazakhstan--Poultry)

TRET'YEKOV, N., kand.tekhn.nauk

New design of absorption machines for domestic refrigerators.
Khol.tekh. 37 no.1:9-11 Ja-F '60. (MIRA 13:5)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy
promyshlennosti.
(Refrigerators)

14(1)

SOV/66-59-2-9/31

AUTHOR: Tret'yakov, N., Candidate of Technical SciencesTITLE: On Certain Essential Peculiarities of Absorber Type Refrigerators
(O nekotorykh sushchestvennykh osobennostyakh absorbtzionnoy kho-
lodil'noy mashiny)

PERIODICAL: Kholodil'naya tekhnika, 1959, Nr 2, pp 33-39 (USSR)

ABSTRACT: The cycle of an absorber type refrigerator can be represented as the result of a combination of the reverse cycle, produced by a compressor type refrigerator, and the direct cycle of a thermal engine. Thus, in contradistinction to a compressor or steam-jet engine, there should be in an absorber - with combined direct and return cycle - not only equality in over-all (summary) work but also in specific work. Hence for certain given conditions of the reverse cycle for obtaining maximum efficiency, the boiling temperature of the direct cycle (desorber) can not be selected arbitrarily, on account of the necessity for the specific works of both, the direct and reverse cycles to be equal. In this case the theoretical thermal coefficient will always be less than unity and for the Carnot cycle it will be equal to the ratio of the temperatures in the process of heat supply in the

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On Certain Essential Peculiarities of Absorber Type Refrigerators

reverse and direct cycles. Thus, at rising temperature the coefficient will tend to decrease rather than increase. In the presence of heat sources, with relative high temperature, the heat should be used only for external work, while the absorber cycle should be carried out with a minimum of heat needed for the boiling of the solution in the desorber.
There are 2 graphs, 2 tables and 2 references.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti (Leningrad Technological Institute of Refrigeration Industry)

Card 2/2

THET' YAKOV, N., kandidat tekhnicheskikh nauk.

Refrigerators equipped with continuously operating absorption,
pumpless refrigerating units. Khol.tekh. 31 no.4:26-29 O-D '54.
(Refrigerators) (MLR 8:1)

TRETYAKOV, N.A.

USSR

Quantitative determination of mercuric chloride in powder. N. A. Tretyakov. Trudy Komissarij Anal. Khim. Akad. Nauk SSSR, Ural. Khim. Nauch 5(8), 272-3 (1954).—HgCl₂ is detd. by reducing the sample in alk. soln. with CH₃O, washing the chloride from the metallic Hg, and detg. the chloride by the Volhard method. A 1-g. sample is dissolved in H₂O in a 100-ml. volumetric flask. A 25-ml. aliquot is placed in a conical flask. Ten ml. 15% KOH and 10 ml. 40% CH₃O are added. The mixt. is shaken 1 min. and placed on H₂O bath for 10 min. The Hg is filtered off, and washed with 60 ml. H₂O. A 1-2 ml. portion of wash H₂O should give a neg. chloride test. Filtrate and washings are acidified with 20 ml. 16% HNO₃, and 25 ml. 0.1N AgNO₃ added for Volhard chloride detn. Good results were obtained on 25 filtrates. Eunilia Mayerle

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CIA-RDP86-00513R001756530008-6

LEBEDEV, I.A., kandidat meditsinskikh nauk; THET'YAKOV, N.I.

Traumatic arteriovenous aneurysm of the internal carotid artery and
cavernous sinus. Khirurgia no.11:82-84 N '53. (MLRA 6:12)
(Aneurysms) (Carotid artery) (Cavernous sinus)

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CIA-RDP86-00513R001756530008-6

TRETYAKOV, N.I. (Kalininograd)

Immediate and late results of resection of the ileocecal angle.
Khirurgija 39 no.6:75-78 Ja '63. (MIRA 17:5)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756530008-6"

TRET'YAKOV, N. I.

"Experience With Treating Patients With Broken Hips by Intraosseous Securing With Metallic Pins," Voyenno-Med. Zhur., No. 11, p. 81, 1955.

TRAT'YAKOV, N.I., podpolkovnik meditsinskoy sluzhby

Primary cranioplasty with plexiglass in penetrating injuries of
the cranium. Voen-med. zhur. no.1:65-66 Ja '56 (MLRA 10:5)
(CRANIUM, wounds and injuries,
cranioplasty with acrylic prostheses) (Rus)
(ACRYLIC RESINS,
cranioplasty) (Rus)

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CIA-RDP86-00513R001756530008-6

TRET'YAKOV, N.I., podpolkovnik meditsinskoy sluzhby; BOGDANOVA, I.P.

Primary suture in combination with penicillin in open wounds. Voen-
med. zhur. no.3:78-80 Mr '56. (MLRA 9:9)
(PENICILLIN) (WOUNDS—TREATMENT)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756530008-6"

TRETYAKOV, N.I., podpolkovnik meditsinskoy sluzhby

"Delayed osteosynthesis" with a metal nail in open fractures of
lung hollow bones. Voen.med.zhur. no.12:47-48 D '56. (MLRA 10:3)

(FRACTURES, surg.

delayed osteosynthesis with metal nail in open fract.
of long hollow bones)